

Some Characteristics of Surface Disturbances in  
Magnetohydrodynamics, by S. I. Syrovatskiy, 45 pp.

RUSSIAN, per, Trudy Fizicheskogo Instituta Ak Nauk SSSR,  
Vol VIII, 1956, pp 13-64.

FDD/X-3921

Sci  
Dec 59

Transactions of the Physics Institute, by  
D. V. Skobel'tsyn, 244 pp.

RUSSIAN, per, Trudy Fizicheskogo Inst,  
Vol X, 1958. 9682706-V

PTD-TT-62-958

Sci-Phys  
May 63

229,550

Resonance Transfer or the Excitation Energy in  
Luminescent Solutions, by N. D. Galenin, 64 pp.

RUSSIAN, per, Trudy Fiz Inst Ak Nauk SSSR, Fiz Inst  
imeni P. M. Lebedeva, Vol XII, 1960, pp 3-53. 1037660

AEC TR-5067

Sci - Phys  
Jun 62  
List 69

197,822

A Device for Conducting Creep Tests of  
Materials in an Ultrasonic Field,  
by Ye. G. Konovalov, E. I. Ruzovskiy.  
RUSSIAN, per, Trudy An BSSR, Fiz-Tekh  
Institut Plastichnost' i Obrabotka  
Metallov Davleniyem, 1964, pp 128-153.  
\*FTD-TR-65-1408

Sci-M.M  
Sep 65

00000000000000000000000000000000  
GB/10/3379

Sci " Phys  
Jul 64

262,594

NLL Ref: 9032.09 1964 (3379)  
(LOAN COPY)

Pyrometric Investigation of the State of a Gas Behind  
a Reflected Shock Wave, by E. M. Kudryavtsev.  
RUSSIAN, per, Trudy Fiz Inst Ak Nauk SSSR,  
Vol XVIII, 1962, pp 159-200.

GB/10/3380

~~NLL 90-23-09 1964~~

NLL Ref 90-23-09 1964 (3380)  
(Loan copy)

Sci - Phys  
Jul 64

262,596

Theoretical Investigation of Stability of  
Frequency of a Molecular Generator, by A. N.  
Orayevskiy, 85 pp.  
RUSSIAN, per, AN SSSR. Fizicheskiy Institut.  
Trudy, Vol 21, 1963, pp 1-67.  
P100364167-V  
FTD-MT-65-467

Sci-Physics  
Jan 68

346,474

Optical Theory of Quantum Generators on Crystals with  
Rapid Moving Electronics, by N. G. Basov,  
O. V. Bogdankevich, et al.  
RUSSIAN, per, Trudy Fiz Inst Ak Nauk SSSR, 1964,  
pp 1-7.  
•FTD-TT-65-555

Sci - Eng  
May 65

Study of Deviation From the  $1/v$  Law in the  
Energy Dependence of the Cross Sections of the  
(n,  $\alpha$ ) and (n, p) Reactions in Light Nuclei,  
by A. A. Bergman.

RUSSIAN, per, Trudy Akad. Nauk SSSR, Fiz, Inst,  
Vol 24, 1964, pp 169-202. P911139866  
AEC LA-tr-66-60

Sci/Physics  
Jan 66

316,197

(DC-6611)

~~SECRET//EYES ONLY//NOFORN//COMINT//  
REF ID: A6511~~  
Research in Theory of Movement of Particles in  
Modern Cyclic Accelerators, by A. A. Kolomanskii,  
220 pp.

RUSSIAN, per, Trudy Fizicheskogo Instituta imeni  
P. N. Lebedeva, Akademiya Nauk SSSR, Vol XIII,  
1960, pp 3-129.

JPRS 13752

196,893

Sci - Engr  
May 62

(DC-66J.L)

Theoretical Analysis of Methods Used for  
Increasing the Effectiveness of Cyclic Accelerators,  
by Ye. M. Moroz, 63 pp.

*Trudy*  
RUSSIAN, per, Daty Fizicheskogo Instituta imeni  
P. N. Lebedeva, Akademiya Nauk SSSR, Vol XIII,  
Chapters I, II, III, 1960, pp 130-173.

JPRS 13752

*196,895*

Sci - Engr  
May 62

Yield of Radioluminescence of Organic Matters,  
by Z. A. Chizhikova, 73 pp.

RUSSIAN, per, Trudy Fiz Institut Akad Nauk SSSR,  
imeni P. N. Lebedeva, No 15, 1961, pp 178-229.

AEC-Tr-5377

Sci - Phys

Jun 69

232,417

Some Questions in Theoretical Physics,  
by D. A. Kirzhnits.  
RUSSIAN, per, Trudy Fizicheskogo Inst  
im P. N. Lebedeva, Vol 16, 1961, pp 3-49.  
\*NASA TT F-12,157

Sci-Phys  
Feb 69

On the Kinetics of Non-Isothermal Plasma,  
by V. P. Silin, L. M. Gorbunov, 10 pp.

RUSSIAN, per, Trudy Ak Nauk SSSR, Inst  
Fiz imeni P. N. Lebedeva, Report A-61,  
1962, 9 pp. 9067010 9091773

AEC UCRL-Tr-833(L)

Sci - Phys  
Oct 62

215, 529

On the Rate of Levelling off of the Temperature  
of Charged Particles in a Plasma, by R. R.  
Ramazashvili, A. A. Rukhadze, V. P. Silin.

RUSSIAN, per, Trudy Ak Nauk SSSR, Fiz Inst imeni  
P. N. Lebedev, Laboratoriya Uskoritelei A-82,  
1962.

\*AEC

Sci - Phys  
Sep 62

On Fluctuations of the Electromagnetic Field  
in a Non-Equilibrium Plasma, by L. S. Bogdankevich,  
A. A. Rukhadze, et al.

RUSSIAN, per, Trudy Ak Nauk SSSR, Fiz Inst  
imeni P. N. Lebedev, Laboratoriya Uskoritelei  
A-80, 1962.

\*AEC

Sci - Phys  
Sep 62

Theory of Transfer Processes in a Plasma Across  
a Magnetic Field, by V. P. Silin.

RUSSIAN, per, Trudy Ak Nauk SSSR, Fiz Inst ~~mimeni~~  
P. N. Lebedev, Laboratoriya Uskoritelei A-83,  
1962.

\*AEC

Sci - Phys  
Sep 62

S-812/62

The Development of Radioastronomy Research in the  
Radioastronomy Laboratory of the Physics Institute,  
Academy of Sciences USSR, by V. V. Vitkevich.

(SF-2419)

RUSSIAN, per, Radioastronomiya Trudy Fizicheskogo  
Inst im, Lebedeva Akad Nauk SSSR, Vol XVII, 1962,  
pp 3-12.

\*JPRS

Sci

8 Nov 62

S-812/62

The 22-Meter Reflector Radiotelescope, by P. D.  
Kalachev, A. Ye. Salomonovich. (SF-2419)

RUSSIAN, per, (Radioastronomiya) Trudy Fizicheskogo  
Inst im. Lebedeva Akad Nauk SSSR, Vol XVII, 1962,  
pp 13-41.

\*JPRS

Sci

8 Nov 62

Cosmic Rays, by D. V. Skobel'tsyn. (editor)  
RUSSIAN, bk, Trudy Fizicheskogo Inst i imeni  
P. N. Lebedeva, Vol XXVI, Kosmicheskiye Luchi.  
CB

Sci - NS  
Oct 65

290,129

TRUDY FIZICHESKOGO INSTITUTA  
im. V.P. Lebedeva, AN SSSR - irregular  
(Proceedings of the V.P. Lebedev Physics  
Institute of the USSR Academy of Sciences)  
Translation begins with 1954, Vol. 25  
Lag time ca. 6 months  
Order from Plenum Publishing Corporation  
227 West 17th Street  
New York, N.Y. 10011  
Each volume priced separately

Russ  
rd

Increasing the Effective Area of the Antenna  
of a Radiotelescope by Reducing Scattering  
from the Supports, by P. D. Kalachev and A.  
Ye. Salomovich, 14 pp.  
RUSSIAN, per, Trudy Fizicheskogo Instituta  
imeni P. N. Lebedeva, Vol. XXVIII, 1964,  
pp. 104-115.  
JPBS 31070

USSR  
Sci-Electronics  
Jul 65

283,247

15 611

GE-1

ANDRONIKASHVILI E. L.

Startup of the IRT-2000 nuclear research reactor

Anlassen des Kernforschungsreaktors IRT-2000

Trudy Inst. Fiz. Akad. Nauk Gruz. SSSR, 1-41 (1960)

German

E u r a t o m

*Andronikashvili*

Table of Contents

RUSSIAN, per, Trudy Fiz Inst, Ak Nauk Gruz SSR, Vol III,  
1955.

CIA/FDD X 2069

Hemispheres and the Functioning of Internal  
Organs, by M. A. Usievich, 293 pp.

RUSSIAN, per, Trudy fiz. lab. ak. I. P. Pavlova.  
Vol X, 1941, pp 51-155.

Sci Tr Center RT 3  
4452

Scientific - Medicine, Biology  
Dec 56 GTS

462, 193

Sound Discrimination by the Deafmute Child Practically  
Deprived of All Hearing, by B. E. Sheivekhman, 7 pp.

RUSSIAN, per, Trudy Fiziologicheskogo Inst, imeni  
I. P. Pavlova, Ak Nauk SSSR, Vol IV, 1949, pp 113-116.

FED X-4674

Sci ~ Med  
Jul 61

159, 178

(NY-4119).

Problem of Frontogenesis Dynamics, by V. D.  
Kaznacheyeva, 26 pp.

RUSSIAN, per, Trudy Ak Nauk UzSSR, Ser Fiz-Matemat  
Nauk, No 1, Fizmat, 1958, pp 47-63.

JPRS 2843

Sci - Phys  
Jul 60

119, 839

Bibliography. UNCLASSIFIED

RUSSIAN, per; Uchenyye Zapiski, Vol LX; Trudy  
Fizicheskogo Otdeleniya Fiziko-matematicheskogo  
Fakul' Teta, Vol V, Kharkov, 1955, pp 92.

US JPRS/RV-L-105

Sci - Physics  
Apr 58

62,302

On the Kinetics of Disrupting Superconductivity by  
a Variable Field, by I. M. Lifshits, F. I. Tsikovich  
18 pp.

RUSSIAN, per, Trudy Fizicheskogo Otdeleniya Fiziko-  
Matematicheskogo Fakul'teta, Uchenyye Zapiski,  
Vol VI, 1955, pp 49-57. 9681619

PTD-TI-62-1716

Sci-Phys  
May 63

129,501

Correlations of Absorption Spectra of  
Americium and Europium In Crystals  
and in Solutions, by D. S. Gorbenko-  
Germanov.

RUSSIAN, per, Trudy Fizicheskie  
Problemy Spektroskopii, Vol 1,  
pp 242-247, 1962 9229840  
AEC UCRL-Tr-1234

Sci-Phys  
Nov 65 291,944

Use of Isotopes in Studying the Blooming and Nectar  
Excretion in the Linden Tree, by D. V. Girnik.

RUSSIAN, per, Trudy Fiz Rast Agrokhem Pochvoved,  
1957, pp 143-147.

\*PL 480  
Foreign Sv.  
OTS 63-11008

Sci - Biok  
Apr 61

Utilization of the Stable Nitrogen Isotope N<sup>15</sup>  
for Studying the Importance of Copper in the Assimila-  
tion of Ammoniacal and Nitrate Nitrogen by Plants,  
by L. K. Ostrovskaya, B. A. Geller, G. M. Yakovenko.

RUSSIAN, per, Trudy Fiz Rast Agrokhem Pochvoved,  
1957, pp 168-176.

Sci - *Eiel*  
Apr 61

\*PL 480  
Foreign Sv.  
OTS 63-11008

Agency: Naval Research Lab. R-10310-D  
P.O.# 00173-9-006320 15 Apr. 69

Authors: M.A. Krivoglaz & S.I. Pekar

Title: Form of the spectra for impurity light absorption and luminescence in dielectrics

Source: Trudy Inst. Fiz. UkrSSR, #4 (1953), pp 37-70.

Language: Russian No. of pages: 34 34pp

Instructions: Translate and type one neat copy, double spaced; insert equations in appropriate locations, if possible - otherwise, leave ~~as~~ sufficient space.

Theory of Electron Emission From Metals in  
Electric Fields, by G. M. Avak'yanets, 19 pp.

RUSSIAN, per, Trudy Ak Nauk Uzbek SSR, Tashkend-  
Fiz-Tekh Inst, Vol VI, 1955, pp 43-

US Dept of Commerce  
National Bur of Standards

Sci  
Aug 61

164,850

Tolstov, Yu. G., Karashov, G. K., and Pyrov, V. V.  
MODEL OF A D. C. ELECTRIC TRANSMISSION  
SYSTEM. [1962] [8]p. (fig. omitted).  
Order from OTS or SLA \$1.10 62-32772

Trans. of Fiziko-Tekhnicheskii Institut, Moscow.  
Trudy (USSR) 1959, v. 4, p. 49-61.

DESCRIPTORS: Models (Simulations), \*Direct current,  
\*Power transformers, Transmission lines.

62-32772

I. Tolstov, Yu. G.  
II. Karashov, G. K.  
III. Pyrov, V. V.

(Engineering--Electrical, TT, v. 9, no. 12)

Office of Technical Services

The Expansion of Plane One-Dimensional Waves  
Under Shock in a Plastic Medium, by  
E. I. Andriankin, 8 pp.  
RUSSIAN, per, Moscow. Fiziko-Tekhnicheskiy  
Institut. Trudy, No 5, 1960, pp 55-61.  
AIR/FTD/HT-23-1447-67

Sci-Phys  
Jan 69

370,804

Flow of a Hypersonic Stream Around an Axisymmetric Body Flying Below the Angle of Attack, by V. B. Minestsev, 9044.

RUSSIAN, per, Trudy Fiziko-Tekhnicheskiy Institut, Moskva, 1961, No 7, pp 136-151. 9085419

\*FTD-TT-63-406

Sci - Aerospace  
Apr 63

On the Effect of Initial Turbulence on the  
Boundary and the Long Range of Submerged  
Stream, by Yu. A. Shcherbina.  
RUSSIAN, per, Trudy, Fiziko-Tekhnicheskiy  
Institut, No 7, 1961, pp 152-157. 9700056  
FTD-TR-65-1945

Sci/Earth Sci  
May 66

299,480  
299,527

<p>Kozel, S. M. ABOUT A CERTAIN METHOD OF RECORDING WEAK INFRARED RADIATION. 16 May 63 [7]p. 5 refs. FTD-TT-63-180, AD-409 093. Order from OTS or SLA \$1.10 63-23188</p> <p>Unedited rough draft trans. of Fiziko-Tekhnicheskii Institut, Moscow. Trudy (USSR) 1962, v. 8, p. 73-76.</p> <p>DESCRIPTORS: *Infrared radiation, Modulation, *Radiometers, *Phosphorus, Optical phenomena, Phosphorescence, Recording systems.</p> <p>A description is given of a modulation radiometer in the near infrared region in which glowing phosphorus is used as the receiving element. (Author)</p> <p>(Physics--Optics, TT, v. 10, no. 9)</p>	<p>63-23188</p> <p>I. Kozel, S. M. II. FTD-TT-63-180 III. Foreign Tech. Div., Air Force Systems Command Wright-Patterson AFB, Ohio IV. AD-409 093</p> <p>:</p> <p>Office of Technical Services</p>
---	--

Bipolar Flow in a Special Magnetic Field, by  
V. N. Danikov, 15 pp.  
RUSSIAN, per, Trudy Fiziko-Tekhnicheskii Institut,  
No 10, 1962, pp 67-79. 9693311  
FTD-TT-64-619

Sci - Elec  
Aug 64

264,827

Neutralization of an Ion Beam With Electrons in a  
Magnetic Field, by V. N. Danikov, 11 pp.  
RUSSIAN, per, Trudy Inst Fiziko-Tekhnicheskii,  
No 10, 1962, pp 80-86. 9692442  
FTD-TT-64-176

Sci - Elec  
May 64

259,066

Contact Precipitation of Certain Metals on the  
Surface of Aluminium Alloys, by A.I. Lipin.  
RUSSIAN, per, Tr.4-go Soveshch. po. Elektrokhim,  
Moscow, 1956, pp 486-492  
NLL/M. 3950

Sci -  
Aug 67

336-078

The Buckling Stability of a Strut with  
Rectangular Cross Section Under Creep Con-  
ditions, by V. P. Kapranov,  
RUSSIAN, per, Trudy Dnepropetr. Khim. Tekh.  
in-ta, No 15, 1961, pp 59-64.  
NLL RTS 3137  
(On Loan or Purchase)

Sci-Mech,  
Apr 67

522,807

Towards the Study of Anisakids of Whales, by  
A. A. Mozgovoi, 9 pp.

RUSSIAN, per, Trudy Gelmintologicheskoi Lab Ak Nauk  
SSSR, Vol II, 1949, pp 26-40.

Fisheries Res Board of Canada  
Biol Section  
Nanaimo B.C.

Sci

Feb 64

Towards the Study of the Helminth Fauna of the Dolphin,  
Tursiops Tursio Fabr, by S. L. Deliamure, 6 pp.

RUSSIAN, per, Trudy Gelmintologicheskoi Lab, Ak Nauk  
SSSR, Vol II, 1949, pp 110-113.

Fisheries Res Board of Canada  
Biol Section  
Nanaimo B.C.

Sci

Feb 64

Nodular Trichonemiasis in the Large Intestines  
of Horses, by V.I. Tiunov.  
RUSSIAN, per Trud.gel'mint. Lab.  
Vol. 5, 1951, pp 318-322  
NLL/RTS 27-48 - 12s 6d.

Sci -  
Aug 67

337-538

Zoogeographical Characteristics Of the Helminth  
Fauna Of Pinnipeds and Cetaceana by S.L. Daliambre.

RUSSIAN, per Akademiya Nauk SSSR Gelmintologicheskaya  
Laboratoriya Trudy, Vol VI, 1952, pp 235-250.

CSIRO

*Fisheries Research  
of Canada  
Marine Station*

Oct. 62

Dependence Of the Helminth Fauna Of Dolphins Of  
the Black and Azov Seas On Ecologicogeographical  
Factors by S.L. Deliamure.

RUSSIAN, per, Akademiya Nauk SSSR Gel'mintologicheskaya  
Laboratoriya Trudy, Vol VI, 1952, pp 251-258.

CSIRO

Fisheries Res Board  
of Canada  
Moncton Station

Oct. 62

Phylogenetic Relationships and Systematics Of  
Camallanata by A.A. Sobolev.

RUSSIAN, per, Akademiya Nauk SSSR Geimintologicheskaya  
Laboratoriya Trudy, Vol VI, 1952, pp 296-301.

CSIRO

Fisheries Res Board  
of Canada  
Nanaimo Station

Oct. 62

The Importance of Certain Food Products as  
Possible Factors in the Infection of the Populace  
With Geohelminths, by I/ P. Earchenko,

1953,  
RUSSIAN, bk , Trudy Gelmintologii, pp 39-43.

Scientific - Medicine

24248 TR 515~

Allergic Skin Reactions as a Method of Diagnosing  
The Migration Stage of Ascariasis, by  
S. M. Brudnaya,

RUSSIAN, bk, Trudy Gelmintologii, 1953, pp 72-84.

FDD Tr 515

Scientific - Medicine

The Problem of the Length of the Season of  
Primary Infection With Ascariasis, by  
Z. G. Vasil'kova, V. A. Gefter,<sup>1</sup>

RUSSIAN, bk, Trudy Gel'mintologii, 1953, pp 99-105

FDD Tr 515

Scientific - Medicine

The Capacity of Migrating Ascarid Larva to  
Provoke Clinical Manifestations During  
Symptomless Infection, V. L. Gerbil'skiy,

RUSSIAN, bk, Trudy Gelmintologii, 1953, pp 139-146.

FDD Tr 515

Scientific - Medicine

A New Case of Human Gongylonemiasis (*Gongylonema pulchrum* Molin, 1857), by I. G. Kamalov,

RUSSIAN, bk, Trudy Gel'mintologii, 1953, pp 273-275

FDD Tr 515

Scientific - Medicine

A Comparison of the Characteristics of the EGGS  
of *Taeniarhynchus Saginatus* and *Taenia Solium*,  
by A. G. Kamalova,

RUSSIAN, bk, Trudy Gelmintologii, 1953, pp 276-283

FDD Tr 515

Scientific - Medicine

Knowledge of the Cestod Fauna of the USSR, by  
A. I. Krotov,

RUSSIAN, bk, Trudy Gelmintologii, 1953, pp 326-339

FDD Tr 515

Scientific - Medicine

The Problem of Immunodiagnosis of the Early  
Stages of Ascariasis, by Ye. S. Leikina,

RUSSIAN, bk, Trudy Gelmintologii, 1953, pp 357-365

FDD Tr 515

Scientific - Medicine

The Epizootiology of Trichinosis, by N. P. Lukashenko,

RUSSIAN, bk, Trudy Gelmintologii, 1953, p: 366-371  
1

FDD Tr 515

Scientific - Medicine

Concerning Immunity in Certain Helminthoses, by  
A. F. Nosik,

RUSSIAN, bk, Trudy Gelmintologii, 1953, pp 445-451

FDD Tr 515

Scientific - Medicine

A Method of Experimental Therapy of Opisthorchosis,  
by N. N. Plotnikov,

RUSSIAN, bk, Trudy Gelmintologii, 1953, pp 518-522

EK  
FDD Tr 515

Scientific - Medicine

Certain Problems of the Epidemiology of  
Ascariasis and Its Control, by V. P. Pod'yapol'skaya,

RUSSIAN, BK, Trudy Gelmintologii, 1953, pp 523-531.  
<sup>4</sup>

FDD Tr 515

Scientific - Medicine

The Effect of Helminths on the Activity of Certain  
Blood Enzymes Depending Upon the Functional  
Condition of the Central Nervous System, of the  
Animal, by V. D. Semenov,

RUSSIAN, bk, Trudy Gelmintologii, 1953, pp 649-654

FDD Tr 515

Scientific - Medicine

Clinical Manifestations of the Early Stages of  
Ascariasis, by N. Ye. Semenova,

RUSSIAN, bk, Trudy Gelmintologii, 1953, pp 655-657

FDD Tr 515

Scientific - Medicine

Experimental Examination for Immunity in  
Trichinosis. III. Immunity Acquired As a Result  
of Vaccination, by I/ P. Shikhchbalova,

RUSSIAN, bk, Trudy Gelmintologii, 1953, pp 761-769  
1

FDD Tr 515

Scientific - Medicine

The Development of the Eggs of Geohelminths in the  
Sea and in Coastal Soil, by G. R. Yarulin

RUSSIAN, bk, Trudy Gel'mintologii, 1953, pp 304-807  
1

FDD Tr 515

Scientific - Medicine

Migration of Strongylus vulgaris Larvae and  
Pathology Provoked by Them in the Body of the  
Horse, by E.I. Skalinskii.  
RUSSIAN, per, Trudy gel'mintologiveskoi Lab-  
oratorii (Akademii Nauk SSSR) Vol 7, 1954,  
pp 392-393.  
(NLL/RTS 2749 - 5s Od)

Sci -  
Aug 67

339,890

Helminths of Sand Eels of Uzbekistan, With Description of a new Genus of Filaria and of Age-associated and Seasonal Changes in the Helminth Fauna of the Large Sand Eel, by N.A. Bulyanskaya.  
RUSSIAN, per, Trudy Akad Nauk SSSR, Geol'naya  
Lab., Vol 9, 1959, pp 54-58.  
NEW NIH 8-28-66

Sci/B&M  
Dec 66

316,163

Helminths of Class Monogenoidea from Fishes  
of Tuva Autonomous Region, by A. A. Spaaskiy,  
V. A. Roitman.

RUSSIAN, per, Trudy Gel'mintologicheskoi Laboratorii,  
Ak Nauk SSSR, Vol X, 1960, pp 193-211.

\*Virginia Inst of Marine  
Sciences, Gloucester Point,  
Virginia

Sci  
Sept 64

On the Biology of the Cestode Eubothrium Crassum,  
by A. Kh. Akhmerov,  
RUSSIAN, per, Trudy Gel'mintologicheskoi Labora-  
toriy Ak Nauk SSSR, Vol XII, 1962, pp 5-8.

Dept of Interior  
Fish and Wildlife Service  
BCF, Bureau of Foreign Fisheries

Sci-B&M  
Jul 67

333.028  
332.938

Trudy A K Hank sssk Geofiz Inst

Geological Sketch of the Central Zone of the Northern  
Island of Novaya Zemlya, Along the Rusanov Valley,  
by M. A. Lavrova, B. F. Zemlyukov.  
RUSSIAN, per, Trudy Geofiz Inst Ak Nauk SSSR, Vol I,  
1931, pp 15-60.

ACIC  
TC-361

Sci - Earth Sci & Astron  
Sept 64

266,445

On the New Map Outlining Seismic Areas in the  
Territory of USSR, by G. P. Gorshkov, 5 pp.

RUSSIAN, per, Trudy Geofiz Inst Sbornik Statey i  
Dokladov, No 1, 1128), 1948, pp 71-73. 9673492

Navy Tr 2863/Ho 120

USSR

61 - 28004

183, 491

Geog

Mar 62

Differential Relation of an Integral Equation  
of High Order, by Ye. A. Kuznetsov,  
S. V. Gerasimov.

Original, per. [unclear] Classification [unclear]  
Serial No. 16, 20-1-103, 1969 9229877  
Date 11-11-69 P-372 9229877

*AKASATI F-373 Study Conference  
Institute 104, pp 1-103  
4448*

640-1256-1  
Sept 65

226,103

Results of the Numerical Solution of Integral Equations of the Theory of Light Scattering in the Atmosphere, by E. S. Kuznetsov, B. V. Ovchinskii, 1961, pp. UNCLASSIFIED

Full translation.

RUSSIAN, Trudy Geofiz Instituta, No 4, 1949, p 131.

Air Res and Dev Command

Scientific - Geophysics

18, 869

62-33416

TRANSACTIONS OF THE GEOPHYSICAL INSTITUTE,  
ACADEMY OF SCIENCES USSR 1949-50: [SELECTED  
ARTICLES]. [1962] [277p. 66 refs. ACIC G-17.  
Order from OTS or SLA \$17.50 62-33416

Trans. of Akademiya Nauk SSSR. Geofizicheskii  
Institut. Trudy, 1949, no. 5(132) p. 76-133; no. 7(134)  
p. 1-93; 1950, no. 12(139) p. 3-21.

DESCRIPTORS: \*Gravity, \*Acceleration, Gravimeters,  
\*Microseisms, \*Geodesics, Geophysics, Lithosphere.

Contents:

The new value for the acceleration of gravity at the  
Geophysics Institute of the Academy of Sciences USSR,  
by Yu. D. Bulanze

Preliminary results of the determination of the first-  
order gravimetric station in the village Obi-Garm, by  
(Earth Sciences--Geology, TT, v. 9, no. 9) (over)

- I. ACIC G-17.  
II. Aeronautical Chart and  
Information Center,  
St. Louis, Mo.

Office of Technical Services

be New Value for the Acceleration of Gravity at the  
Geophysics Institute of the Academy of Sciences, USSR,  
by Yu. D. Bulanzhe.

USSRIAN, per, Trudy Geofiz Inst, Ak Nauk SSSR, No 5(132)  
1949, pp 76-93.

ACIC

Ici - Geophys

215, 881

act. 62

Preliminary Results of the Determination of the First-order Gravimetric Station in the Village Obi-darm, by Mr. D. Bulanzhe.

USSRIAN, per, Trudy Geofiz Inst, Ak Nauk SSSR,  
No 5(132), 1949, pp 94-99.

ACIC  
TC-718

812, 883

Ici - Geophys

let 62

The New Gravimetric Connection Between the All-Union  
Institute of Metrology and Pulkovo, by Yu. D. Bulanzhe.

RUSSIAN, Tper, Trudy Geofiz Inst, Ak Nauk SSSR,  
No 5(132), 1949, pp 100-114.

ACIC

Sci - Geophys

Oct 62

215,882

Methods of Elaborating Geodetic Remeasurements Performed  
to Discover Horizontal Deformations in the Earth's Crust  
by V. V. Danilov.

RUSSIAN, per, Trudy Geofiz Inst, Ak Nauk SSSR,  
No 5(132), 1949, pp 115-133.

ACIC

Sci - Geophys

215, 884

Oct 62

The Acceleration of Gravity in Tbilisi, by N. N.  
Pariyskiy.

RUSSIAN, per, Trudy Geofiz Inst, Ak Nauk SSSR,  
No 7(134), 1949, pp 1-93.

ACIC

Sci - Geophys

Set 62

215/885

The Influence of Microseismic Activity Upon Gravity  
Measurement by Pendulum, by N.N. Pariyshiy.

RUSSIAN, per, Trudy Geofiz Inst, Akademii Nauk SSSR,  
to 12(139), 1950, pp 3-21.

ACIC

lei - Geophys

let 62

215, 887

A Determination on a Sliding Andic, by G. V. <sup>GROSHKOV</sup>  
+ DD.

RUSSIAN, per, Trudy Geofiz Inst, No 12, (139),  
1959; pp 77-79.

ATIC F-TS-8972/III

Sci - Geophysics  
Oct 1956

39, 956

Determination of the Dynamic Parameters of a  
Focus, by V. I. Neills-Borek. (unedited)

RUSSIAN, per, Trudy Geofiz Inst Akad Nauk SSSR,  
No 9 (135), 1950, pp 3-19.

Univ of Wisconsin  
(ESF)

Sci - Geophys  
Apr 60

113907

(FDD 24899)

Elastic Tides, Free Mutation and Some Problems of the Earth's Structure, by M. S. Molotenskiy, 78 pp.

RUSSIAN, irreg per, Trudy Geofiz.Inst.Sbornik Statev, No 19, (146), Moscow, 1953, pp 3-52.

CIA/FDD/U-7435

USSR  
Sci - Geophysics, tides, mutation,  
earth's structure

29,048

Acceleration of Gravity at the Moscow Initial  
Points, by Yu. D. Bulanze, 22 pp.

RUSSIAN, per, Trudy Geofiz Inst, No 20, 1953,  
pp 3-19.

AMC MCL-31/V

Sci - Geophysics  
Nov 59

102,389

Kellis-Borok, V. I.

ON THE PROPAGATION OF STATIONARY VIBRATIONS IN A LAYER LYING BETWEEN TWO SEMI-SPACES (K Voprosu o Rasprostranenii Statsionarnykh Kolebanii v Slove, Lezhashchem Mezhdu Dvumya Poluprostranstvami). [1962] [32]p. (foreign text included) 9 refs.

Order from OTS or SLA \$3.60 62-16437

Trans. of Akademiya Nauk SSSR. Geofizicheskii Institut. Trudy, 1953, v. 20(147) p. 20-36.

DESCRIPTORS: \*Wave analysis, \*Vibration, Propagation, \*Elasticity.

Sinusoidal vibrations excited by a points source in an ideally elastic medium consisting of a layer lying between two semi-spaces are considered. It is shown that the main part of the displacement remote from the source consists of waves of a specific type. Some of the properties of these waves are investigated. (Author)

62-16437

I. Kellis-Borok, V. I.

(Physics--Wave Propagation, TT, v. 8, no. 9)

Office of Technical Services

The Accuracy of Inclinometer Readings, by V. V.  
Borshkovskiy S. Namsaray, 22 pp. Unclassified.

RUSSIAN, par., Trudy Geofiz Inst Ak Nauk SSSR, No 22  
(149), pp 3-18. CIA 642669

AFIC P-13-9307/V

Sci - Geophysics

Jan 59

78, 538

Contribution to the Question of the Resonant  
Properties of Interference Waves in a Layer,  
by V. I. Krylov-Borok, 12 pp. Unclassified.

RUSSIAN, per ~~Trudy Geofiz Inst Ak Nauk SSSR,~~  
No 22 (149), pp 50-58. *CIA CDR-312*

ATIC F-7B-9306/V

Sci - Geophys

Jan 59

78, 539

Some Notes on the Effect of Ground Conditions  
on Seismic and Clinometric Observations, by E. F.  
Savarenskiy, 9 pp.

RUSSIAN, per, Trudy Ak Nauk SSSR, Geofiz Inst,  
No 22 (149), 1954, pp 102-110.

AM-25L35R  
RJ-2342

Sci

CTS, Vol III, No 6

126,893

Sep 60

Local Gravity Anomalies and Isostasy, by S. V.  
Kersevayev, 8 pp.

RUSSIAN, per, Trudy Geofiz Inst, No 22, (149),  
1954, pp 111-116. CIA 650545

ATTIC MCL-29/v

Sci - Geophysics  
Nov 59

102,400

(END OF PAGE)

Algebraic Logarithms of Solar Energy in the Atmosphere in the  
Presence of Clouds, by Dr. R. H. Doppelmayer, 33 pp.

BUDapest, August year, Randy Cecilia Wink, No 23 (150),  
Budapest, 1952, pp 65-91.

CIA/FBI U-8560

38,427

CONT.

Sci - Geophysics

(FBI 29102)

Calculation of the Water Content of Clouds From  
Their Scattering Characteristics, by Ye. M. Fygel'  
etc., 15 pp.

Moscow, Izdat. ser. Tekhn. Geofizika, No 23 (150),  
Moscow, 1954, pp 92-105.

CIA/TDD U-556

38,026

URGENT

Sci. - Geophysics